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JOINING METHOD FOR DIGITAL PICTURE

Patent Number: JP3182976

Publication date: 1991-08-08

Inventor(s): ITAGAKI TSUGIO; others: 01

Applicant(s): SUMITOMO METAL IND LTD

Requested Patent: ☐ JP3182976

Application Number: JP19890321731 19891211

Priority Number(s):

IPC Classification: G06F15/66; H04N1/387

EC Classification:

Equivalents:

Abstract

PURPOSE:To attain the automatic joint of pictures by extracting two particle parts formed by means of the specified number of picture elements as characteristic particles and joining two pictures by means of a straight line connecting the centroid coordinates of two characteristic particles in two pictures.
CONSTITUTION:Two digital pictures 1MA and 1MB which are overlapped and image-picked up are density-converted so that density becomes equal, and are binarized. In respective pictures, two particle parts composed of the specified number of the picture elements are automatically extracted as the characteristic particles (a), (b), a' and b'. Then the pictures are joined with the straight line as a joining line. For generating what is called a panoramic photograph by joining plural digital pictures which are overlapped and are continuously image- picked up, the difference of gradation, the incontinuity of a joining part and the like can be excluded and automatic joint is attained.

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PATENT ABSTRACTS OF JAPAN

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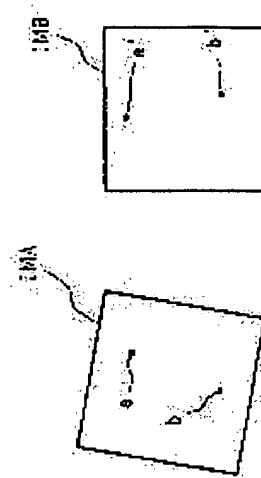
(71)Applicant :   SUMITOMO METAL IND LTD

(72)Inventor :   ITAGAKI TSUGIO
KOBAYASHI MAKOTO

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